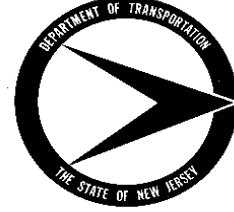


New Jersey Department of Transportation

1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



Baseline Document Change Announcement

NJDOT Design Manual - Roadway Changes **BDC99MR-001**

March 17, 1999

Subject: **Release of Metric Version to the *NJDOT Design Manual - Roadway*, Section 13,
“Guidelines for the Design of Ground Mounted Sign Supports”**

Attached for inclusion in your copy of the *NJDOT Design Manual - Roadway* is the metric version of the approved English version dated March 5, 1993, with revisions and additions. The following are the pages added for Section 13 along with a revised page for the Table of Contents:

Metric Version:

TC-7 to TC-8

13-1 to 13-18

Instructions to Designers

This Section is effective immediately and shall apply to all projects, except those projects where the implementation of the new criteria will require substantial cost or schedule changes. In such cases, the Designer shall contact the Department’s Project Manager to determine how to proceed.

Section 13 is to be used by Designers along with the following:

- Sign Details contained in the *NJDOT Standard Roadway Construction Details* (CD-619-1 through CD-619-15) issued via BDC96D-001 and dated October 25, 1996. *NJDOT Standard Roadway Construction Details* CD-619-1, 4, 5, and 6 are to be updated via BDC97DS-001 in the near future.
- Instructions on the use of “Construction Details” contained in the *NJDOT Sample Plans* on sheet 12 issued via BDC96PR-002 and dated October 31, 1996.
- Design Guidelines and Standard Drawing Plates for overhead signs contained in the *NJDOT Design Manual - Bridges and Structures, Third Edition*, 1998 issued via BDC98MB-001 and dated July 1, 1998.
- *NJDOT Procedures Manual* Section 6.1.2 “Guidelines for Roadway Plan Development - Initial Submission” and Section 6.1.4 “Guidelines for Roadway Plan Development - Final Submission”; and Section 16 (16.2 “Traffic Engineering” and 16.6 “Traffic Signal and Safety Engineering - CADD Section”) to be updated via BDC97PR-013 in the near future.
- Sign specifications contained in the *NJDOT Standard Specifications*, in Sections 619 and 916. These sections will be updated via BDC97DS-001 in the near future.

The following are additions and/or revision to Section 13 that have not been incorporated in the English version:

LIST OF REVISIONS	PAGE NOS.
Sec. 13-01, updated publication years in the second and third paragraphs.	13-1
Sec. 13-01, eliminated “bendaway” and “non-bendaway” from the fifth paragraph.	13-1
Sec. 13-01, changed “development of Phase 2 plans” to “Initial Design Development Stage” in the sixth paragraph.	13-2
Sec. 13-02, added the last sentence in the first paragraph.	13-2
Sec. 13-02, deleted subsection title “13-02.1 Steel U-Post Supports”.	13-2
Sec. 13-02, changed “number” to “quantity” in the second paragraph for clarification.	13-2
Sec. 13-02, added “quantity of posts” and “following the step by step” to the third paragraph.	13-2
Sec. 13-02, revised all of Step 2 for clarification.	13-2 & 13-3
Sec. 13-02, revised the NOTE in Step 3.	13-3
Sec. 13-02, changed “number” to “size and quantity” in Step 4.	13-3
Sec. 13-02, revised the Example in Step 4 and all Examples throughout the text.	13-4 to 13-15
Sec. 13-02, deleted old Step 5.	13-4
Fig. 13-A, deleted 4 POST spacing from the Figure and 4 post system from Section 13.	13-5
Fig. 13-B, updated the graph.	13-6
Sec. 13-03, revised last sentence in the first paragraph.	13-7
Sec. 13-03.1, revised the NOTE in Step 3.	13-7
Sec. 13-03.1, added the NOTE in Step 7.	13-8
Tables 13-1.1 & 13-1.2, Table 13-1 expanded to two tables.	13-10 & 13-11
Sec. 13-03.2, combined old Steps 2 & 3 into Step 2.	13-15
Sec. 13-03.2, deleted Figure 13-G and added Table 13-3 to Step 7.	13-17
Sec. 13-03.2, added Step 8.	13-17
Sec. 13-03.3, added subsection on Nonvegetative Surface.	13-17

Distribution to In-House Staff and Various Public Agencies

This BDC Announcement file and Section 13 can be viewed or downloaded from the New Jersey Department of Transportation Web Page at <http://www.state.nj.us/transportation/>. Click on “Capital Program Management”, located on the left side of the web page. When this page is loaded, select “Capital Program Management Table of Contents” and click on “Go To Selection”. Click whatever document you wish to view or download. The download files are in a zip format. If you need an unzipping program, download and install the “WINZIP” or “PKZIP” program located at the bottom of the page. Do this prior to downloading any files.

This announcement along with a copy of Section 13 will be distributed to in-house staff and various public agencies in accordance with the *NJDOT Design Manual - Roadway* distribution list by the Office of Document Control. The hard copy distribution may be at least one month after date of this announcement because of printing delays, so rely on the web for faster service. Please make additional copies as needed.

Distribution to other Outside Agencies (Consultants, Contractors, etc.)


This BDC Announcement file and Section 13 can be downloaded from the New Jersey Department of Transportation Web Page at <http://www.state.nj.us/transportation/>. See “Distribution to In-House Staff and Various Public Agencies” above for complete web page instructions.

This announcement along with a copy of Section 13 will be mailed to all *NJDOT Design Manual - Roadway* holders. Make additional copies as needed. Hard copies of the *NJDOT Design Manual - Roadway* (Metric version) with additions and revisions can be purchased by contacting:

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